I hereby sertify that this correspondence is being deposited with the United States Pistal Service as first class mail in an envelope addressed to:

Attorney Docket No.: 02307W-142300 UC Case No. 2003-131-2

7.0. Box 1450 Alexandria, VA 22313-1450

on 7-21-04

TOWNSEND and TOWNSEND and CREW LLP

By Juda Shaper

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Yushan Yan et al.

Application No.: 10/713,774

Filed: November 13, 2003

For: NANOSTRUCTURED PROTON

EXCHANGE MEMBRANE FUEL

CELLS

POWER OF ATTORNEY BY ASSIGNEE AND EXCLUSION OF INVENTOR(S) UNDER 37 CFR § 3.71

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The undersigned assignee of the entire interest in the above-identified subject application hereby appoints Kevin L. Bastian, Reg. No. 34,774; M. Henry Heines, Reg. No. 28,219; Laurence J. Hyman, Reg. No. 35,551; Jean M. Lockyer, Reg. No. 44,879; Babak Kusha, Reg. No. 51,095; Annette S. Parent, Reg. No. 42,058; William M. Smith, Reg. No. 30,223; Joseph R. Snyder, Reg. No. 39,381; Eugenia Garrett-Wackowski, Reg. No. 37,330; Kenneth A. Weber, Reg. No. 31,677; all of the firm of Townsend and Townsend and Crew LLP, as its attorneys to prosecute this application and to transact all business in the United States Patent and

Attorney Docket No.: 02307W-142300

UC Case No. 2003-131-2

Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with 37 CFR § 3.71.

| | An ass | signment of the entire | interest in the above-identified subject application: | |
|------------------|-------------|--|--|--|
| | | was recorded on | at reel/frame | |
| | | / | | |
| | \boxtimes | is being concurrently | submitted under separate cover to Attn: Mail Stop | |
| Assignments | for reco | rding, a copy not for re | ecordation is enclosed. | |
| | Please | direct all telephone ca | alls to Babak Kusha and all correspondence relative to | |
| said application | on to the | e following address: | | |
| | Two E | Townsend and Townsend and Crew LLP Two Embarcadero Center, Eighth Floor San Francisco, California 94111-3834 | | |
| | | ASSIGNEE: | THE REGENTS OF THE UNIVERSITY OF CALIFORNIA | |
| | | Signature: Typed Name: | Anda S. Stevenson | |
| | | Title: | Manager, Patent Prosecution | |
| | | | Office of Technology Transfer 1111 Franklin Street, 12th Floor | |
| | | | Oakland, CA 94607-5200 | |

rev. 10/03 60173722 v1

Dated: June 28, 2004



| STATEMENT | UNDER 37 CFR 3.73(b) | | | | |
|--|--|--|--|--|--|
| Applicant/Patent Owner: Yushan Yan and Cheng Wang | | | | | |
| Application No./Patent No.: 10/713,774 | | | | | |
| | ANGE MEMBRANE FUEL CELLS | | | | |
| The Regents of the University of California , a Uni (Name of Assignee) (Ty | versity pe of Assignee, e.g., corporation, partnership, university, government agency, etc.) | | | | |
| states that it is: | | | | | |
| 1. X the assignee of the entire right, title, and | interest; or | | | | |
| an assignee of less than the entire right, The extent (by, percentage) of its owners | | | | | |
| in the patent application/patent identified above by virt | tue of either: | | | | |
| A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. | | | | | |
| OR | | | | | |
| B. A chain of title from the inventor(s), of the pater shown below: | nt application/patent identified above, to the current assignee as | | | | |
| To: The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. | | | | | |
| 2. From: | To : | | | | |
| The document was recorded in the United Reel, Frame, or for which a | | | | | |
| 3. From: | To : | | | | |
| The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. | | | | | |
| ☐ Additional documents in the chain of title are listed on a supplemental sheet. | | | | | |
| Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (<i>i.e.</i> , the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8] | | | | | |
| The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. | | | | | |
| June 28, 2004 Date 510-587-6000 | Linda S. Stevenson Typed or printed name | | | | |
| 610-502-6000 | Ludar & Stevenson | | | | |
| Telephone number | Signature | | | | |
| | Manager, Patent Prosecution | | | | |
| | Title | | | | |

Attorney Docket No.: 02307W-142300



JOINT

ASSIGNMENT OF PATENT APPLICATION

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to



Assignment

Application No.: 10/713,774

Page 2



ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Assistant Commissioner for Patents to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

| executed this th day of | April | , 2004 | Signature of Inventor(s) | |
|--------------------------|-------|--------|--------------------------|--|
| | | | Yushan Yan | |
| day of | | , 2004 | | |
| | | | Cheng Wang | |

60173707 v1





Attorney Docket No.: 02307W-142300

JOINT

ASSIGNMENT OF PATENT APPLICATION

| U.C. Case No. 2003-131-2 | | | | |
|---|--|--|--|--|
| For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S), | | | | |
| 1. Yushan Yan 2. Cheng Wang | | | | |
| hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, 12 th Floor, Oakland, California 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled: | | | | |
| NANOSTRUCTURED PROTON EXCHANGE MEMBRANE FUEL CELLS | | | | |
| and which is found in | | | | |
| (a) U.S. provisional application filed herewith and listing the above-named persons as inventors | | | | |
| (b) U.S. patent application filed herewith and listing the above-named persons as inventors | | | | |
| (c), filed on | | | | |
| (d) X U.S. Patent Application No. 10/713,774, filed on November 13, 2003 | | | | |
| and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property; | | | | |
| ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment; | | | | |
| ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any | | | | |



interference, litigation, or proceeding relating thereto and will promptly execute and deliver to

Assignment

Application No.: 10/713,774

Page 2



ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Assistant Commissioner for Patents to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

| executed this | • . | | Signature of Inventor(s) |
|---------------|-------|---------|--------------------------|
| day of | | , 2004 | · |
| | , | | Yushan Yan |
| 9th day of | April | _, 2004 | Cheng Wang |
| • | | | Cheng Wang |

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